Contents

Adler, B., s. Eitner, G., et al. 481
Anders, F., s. Vielkind, J., et al. 379
Andreeva, I.V., s. Skavronskaya, A.G., et al. 315
Artz, S., s. McFarland, N., et al. 152
Atkinson, K.E., s. Hickson, I.D., et al. 148
Bashkirov, V.I., s. Prozorov, A.A., et al. 363
Bayev, A.A., s. Ksenzenko, V.N., et al. 520
Belk, E.D., s. Karu, A.E. 275
Bedouelle, H., Hofnung, M.: A DNA Sequence Containing the Control Regions of the *malEFG* and *malK-lamB* Operons in *Escherichia coli* K12 82
Belyaeva, E.Sp., Pasyukova, E.G., Gvozdev, V.A., Ilyin, Yu.V., Kaidanov, L.Z.: Transpositions of Mobile Dispersed Genes in *Drosophila melanogaster* and Fitness of Stocks 324
Berardino, D.Di, s. Cram, D.S. et al. 186
Bergmans, H., s. Tommassen, J., et al. 105
Bernsley, C., s. Joseph, E., et al. 262
Bianchi, L., Foury, F.: Antimutators of Mitochondrial and Nuclear DNA in *Saccharomyces cerevisiae*. Relationship with Gamma-Ray Sensitivity 418
Blattner, F.R., s. Lupski, J.R., et al. 120
Böck, A., s. Schmid, G. 498
Bohin, J.P., Khalifa, K.B., Guillen, N., Schaeffer, P., Hirschbein, L.: Phenotypic Expression in vivo and Transforming Activity in vitro: Two Related Functions of Folded Bacterial Chromosomes 65
Boidol, W., Simonis, M., Töpert, M., Siewert, G.: Recombinant Plasmids with Genes for the Biosynthesis of Alkaline Phosphatase of *Escherichia coli* (Short Communication) 510
Boos, W., s. Müller, N., et al. 473
Bownes, M., s. Redfern, C.P.F. 181
Brammar, W.J., s. Burt, D.W. 462, 468
Brown, L.R., s. Libby, R.T. 339
Burt, D.W., Brammar, W.J.: Transcriptional Termination Sites in the *b2* Region of Bacteriophage Lambda that are Unresponsive to Antitermination 462
Burt, D.W., Brammar, W.J.: The *Cis*-Specificity of the *Q*-Gene Product of Bacteriophage Lambda 468
Bussey, L.B., Ingraham, J.L.: Isolation and Mapping of a Uracil-Sensitive Mutant of *Salmonella typhimurium* (Short Communication) 513
Buxton, F.P., Radford, A.: Isolation and Mapping of Fluoropyrimidine-Resistant Mutants of *Neurospora crassa* 129
Buxton, F.P., Radford, A.: Partial Characterization of 5-Fluoropyrimidine-Resistant Mutants of *Neurospora crassa* 132
Calza, R.E., Schroeder, A.L.: Postreplication Repair in *Neurospora crassa* 111
Casaregola, S., D'Ari, R., Huisman, O.: Quantitative Evaluation of *recA* Gene Expression in *Escherichia coli* 430
Casaregola, S., D'Ari, R., Huisman, O.: Role of DNA Replication in the Induction and Turn-Off of the SOS Response in *Escherichia coli* 440
Castleton, J.A., s. Gatenby, A.A. 424
Chernyshev, A.I.: Further Study of Histone Structural Gene Multiplication in *Drosophila melanogaster* 176
Chiang, S.-J., Clowes, R.C.: Recombination Between Two TnA Transposon Sequences Oriented as Inverse Repeats is Found Less Frequently than Between Direct Repeats 169
Chippaux, M., s. Feutrier, J., et al. 518
Chippaux, M., s. Pascal, M.-C. 334
Clark, A.J., s. Uhlin, B.E., et al. 251
Clement, J.-M., Perrin, D., Hedgpeth, J.: Analysis of λ Receptor and β-Lactamase Synthesis and Export Using Cloned Genes in a Minicell System 302
Clowes, R.C., s. Chiang, S.-J. 169
Coddington, A., s. Johnston, P.A. 311
Coelho, A., Maynard-Smith, S., Symonds, N.: Abnormal Cointegrate Structures Mediated by Gene *B* Mutants of Phage Mu: Their Implications with Regard to Gene Function 356
Cooper, P.C.: Characterization of Long Patch Excision Repair of DNA in Ultraviolet-Irradiated *Escherichia coli*: An Inducible Function Under Rec-Lex Control 189
Cossart, P., s. Débarbouillé, M., et al. 88
Cram, D.S., Berardino, D. Di, Skurray, R.A.: Beginning a Transcriptional Analysis of the Leading Region in F Plasmid DNA Transfer (Short Communication) 186
Cummings, D.J., s. Wright, R.M., et al. 56
D'Ari, R., s. Casaregola, S., et al. 430, 440
Débarbouillé, M., Cossart, P., Raibaud, O.: A DNA Sequence Containing the Control Sites for Gene *malT* and for the *malPQ* Operon 88
Deutscher, M.P., s. Zaniewski, R. 142
Dixon, R., s. Merrick, M., et al. 75
Duckworth, D., s. Walia, S., et al. 37
Dunn, G., s. Walia, S., et al. 37
Ehrenberg, M., s. Wagner, E.G.H., et al. 269
Eitner, G., Adler, B., Lanzov, V.A., Hofemeister, J.: Interspecies *recA* Protein Substitution in *Escherichia coli* and *Proteus mirabilis* 481
Emerick, A.W.: Read-Through Transcription from a Derepressed Tn3 Promoter Affects ColE1 Functions on a ColE1::Tn3 Composite Plasmid 408
Emmerson, P.T., s. Hickson, I.D., et al. 148
Enami, M., Ishihama, A.: Biosynthesis of RNA Polymerase in *Escherichia coli*. XII. Noncoordinate Synthesis of Core Enzyme Subunits After Suppression of Cell Growth 373
Ende, A. van der, s. Tommassen, J., et al. 105
Erdei, S., s. Riesenberg, D., et al. 198
Feutrier, J., Lepelletier, M., Pascal, M.-C., Chippaux, M.: Tn10 Insertions Directed in the *pyr*D – *ser*C Region and Improved Mapping of *pep* N in *Escherichia coli* K12 (Short Communication) 518
Finnegan, J., Sherratt, D.: Plasmid ColE1 Conjugal Mobility: The Nature of *bom*, a Region Required in *cis* Transfer . . 344
Foury, F., s. Bianchi, L. 418
Gabor, M.H., s. Guillen, N., et al. 69
Gatenby, A.A., Castleton, J.A.: Amplification of Maize Ribulose Bisphosphate Carboxylase Large Subunit Synthesis in *E. coli* by Transcriptional Fusion with Lambda *N* Operon 424
Glickman, B.W., s. Schaaper, R.M. 404
Godson, G.N., s. Lupski, J.R., et al. 120
Grigliatti, T.A., s. Larsen, T.M., et al. 390
Guillen, N., Gabor, M.H., Hotchkiss, R.D., Hirschbein, L.: Isolation and Characterization of the Nucleoid of Non-Complementing Diploids from Protoplast Fusion in *Bacillus subtilis* 69
Guillen, N., s. Bohin, J.P., et al. 65
Guiso, N., s. Joseph, E., et al. 262
Gupta, S.L., s. Kashyap, A.K. 365
Gvozdev, V.A., s. Belyaeva, E.Sp., et al. 324
Haas-Andela, H., s. Vielkind, J., et al. 379
Habermann, P., Starlinger, P.: Bidirectional Deletions Associated with IS*4* 216
Hahn, M., s. Merrick, M., et al. 75
Hansen, S., s. Krüger, D.H., et al. 457
Hayashi, S., s. Larsen, T.M., et al. 390
Hedgpeth, J., s. Clement, J.-M., et al. 302
Heffernan, L., s. Lee, J.-H., et al. 136
Heine, H.-G., s. Müller, N., et al. 473

Hennecke, H., s. Merrick, M., et al. 75
Henrich, B., Lubitz, W., Plapp, R.: Lysis of *Escherichia coli* by Induction of Cloned ϕX174 Genes 493
Hickson, I.D., Atkinson, K.E., Emmerson, P.T.: Construction of Recombinant λ Phage that Carry the *E. coli recB* and *recC* Genes 148
Higo, K., Itoh, T., Osawa, S.: Alteration of Ribosomal Protein S5 from Two Spectinomycin-Resistant Mutants of *Bacillus subtilis*: Deletion of One Amino Acid Residue 205
Higo, K., Otaka, E., Osawa, S.: Purification and Characterization of 30S Ribosomal Proteins from *Bacillus subtilis*: Correlation to *Escherichia coli* 30S Proteins 239
Hill, S., s. Merrick, M., et al. 75
Hirschbein, L., s. Bohin, J.P., et al. 65
Hirschbein, L., s. Guillen, N., et al. 69
Hirsch-Kauffmann, M., s. Schwaiger, H., et al. 454
Hofemeister, J., s. Eitner, G., et al. 481
Hofnung, M., s. Bedouelle, H. 82
Holm, S.E., s. Malke, H., et al. 502
Holsters, M., Villarroel, R., Montagu, M. Van, Schell, J.: The Use of Selectable Markers for the Isolation of Plant-DNA-T-DNA Junction Fragments in a Cosmid Vector 283
Honigman, A., s. Hyman, H.C. 515
Hopwood, D.A., s. Kieser, T., et al. 223
Horrum, M.A., s. Wright, R.M., et al. 56
Hotchkiss, R.D., s. Guillen, N., et al. 69
Huisman, O., s. Casaregola, S., et al. 430, 440
Hyman, H.C., Honigman, A.: The Use of the Plasmid pHA10 in the Isolation of λP_L Promoter Mutations (Short Communication) 515
Ilyin, Yu.V., s. Belyaeva, E.Sp., et al. 324
Imamoto, F., s. Kuroki, K., et al. 369
Inge-Vechtomov, S.G., s. Ter-Avanesyan, M.D., et al. 319
Ingraham, J.L., s. Bussey, L.B. 513
Ishihama, A., s. Enami, M. 373
Ishii, S., s. Kuroki, K., et al. 369
Isono, K., s. Kitakawa, M. 445
Itoh, T., s. Higo, K., et al. 205
Jayaraman, K., Murthy, S.: Localization of (*dA-dT*)-Rich Sequences in the Membrane-Bound DNA and Their Possible Role in Sporulation of *Bacillus polymyxa* 158
Jayaraman, K., s. Kerjan, P., et al. 448
Johnston, P.A., Coddington, A.: Multiple Drug Resistance in the Fission Yeast *Schizosaccharomyces pombe*: Evidence for the Existence of Pleiotropic Mutations Affecting Energy Dependent Transport Systems 311
Joseph, E., Bernsley, C., Guiso, N., Ullmann, A.: Multiple Regulation of the Activity of Adenylate Cyclase in *Escherichia coli* 262
Kaidanov, L.Z., s. Belyaeva, E.Sp., et al. 324
Kamynina, T.P., s. Ksenzenko, V.N., et al. 520
Kano, Y., s. Kuroki, K., et al. 369
Kari, C., s. Riesenberg, D., et al. 198
Karu, A.E., Belk, E.D.: Induction of *E. coli recA* Protein via *recBC* and Alternate Pathways: Quantitation by Enzyme-Linked Immunosorbent Assay (ELISA) 275
Kashyap, A.K., Gupta, S.L.: Pleiotropic Behaviour of a Cyanophage AS-1-Resistant Mutant of *Anacystis nidulans* (Short Communication) 365
Kennedy, C., s. Merrick, M., et al. 75
Kerjan, P., Jayaraman, K., Szulmajster, J.: Studies on the Nature and Role of Polyadenylated RNA in Spore Development of *Bacillus subtilis* 448
Khalifa, K.B., s. Bohin, J.P., et al. 65
Kieser, T., Hopwood, D.A., Wright, H.M., Thompson, C.J.: pIJ101, a Multi-Copy Broad Host-Range *Streptomyces* Plasmid: Functional Analysis and Development of DNA Cloning Vectors 223
Kitakawa, M., Isono, K.: An Amber Mutation in the Gene *rpsA* for Ribosomal Protein S1 in *Escherichia coli* 445
Kondorosi, E., s. Riesenberg, D., et al. 198
Konopka, R.J., s. Smith, R.F. 30
Krüger, D.H., Reuter, M., Hansen, S., Schroeder, C.: Influence of Phage T3 and T7 Gene Functions on a Type III (*Eco*PI) DNA Restriction-Modification System in vivo 457
Kryukov, V.M., s. Ksenzenko, V.N., et al. 520
Ksenzenko, V.N., Kamynina, T.P., Pustoshilova, N.M., Kryukov, V.M., Bayev, A.A.: Cloning of Bacteriophage T5 Promoters (Short Communication) 520
Kurland, C.G., s. Wagner, E.G.H., et al. 269
Kuroki, K., Ishii, S., Kano, Y., Miyashita, T., Nishi, K., Imamoto, F.: Involvement of the *nusA* and *nusB* Gene Products in Transcription of *Escherichia coli* Tryptophan Operon in vitro (Short Communication) 369
Kustu, S., s. McFarland, N., et al. 152
Lakomova, N.M., s. Prozorov, A.A., et al. 363
Lanzov, V.A., s. Eitner, G., et al. 481
Laping, J.L., s. Wright, R.M., et al. 56
Larsen, T.M., Miller, R.C., Jr., Spiegelman, G.B., Hayashi, S., Tener, G.M., Sinclair, D.A.R., Grigliatti, T.A.: RNA-DNA Hybridization Analyses of $tRNA_{3b}^{Val}$ in *Drosophila melanogaster* 390
Lázár, G., s. Maliga, P., et al. 211
Lee, J.-H., Russo, R.J., Heffernan, L., Wilcox, G.: Regulation of L-Arabinose Transport in *Salmonella typhimurium* LT2 136
Lee, M.G., Yarranton, G.T.: Inducible DNA Repair in *Ustilago maydis* 245
Lepelletier, M., s. Feutrier, J., et al. 518
Ley, P. van der, s. Tommassen, J., et al. 105
Libby, R.T., Brown, L.R.: RNA Polymerase Subunit Biosynthesis in *Bacillus subtilis* 339
Lindahl, L., s. Zengel, J.M. 487
Livingston, D.M., s. Murakami, S. 506
Lloyd, R.G., s. Shurvinton, C.E. 352
Lobo, Z., Maitra, P.K.: Pentose Phosphate Pathway Mutants of Yeast (Short Communication) 367
Lörz, H., s. Maliga, P., et al. 211
Lubitz, W., s. Henrich, B., et al. 493
Lugtenberg, B., s. Tommassen, J., et al. 105
Lupski, J.R., Smiley, B.L., Blattner, F.R., Godson, G.N.: Cloning and Characterization of the *Escherichia coli* Chromosomal Region Surrounding the *dnaG* Gene, with a Correlated Physical and Genetic Map of *dnaG* Generated via Transposon Tn5 Mutagenesis 120
Macrina, F.L., s. Raina, J.L. 21
Maitra, P.K., s. Lobo, Z. 367
Malamud, D.R., s. Padrão, G.R.B., et al. 255
Maliga, P., Lörz, H., Lázár, G., Nagy, F.: Cytoplast-Protoplast Fusion for Interspecific Chloroplast Transfer in *Nicotiana* 211
Malke, H., Noack, D., Holm, S.E.: Transformation of *Streptococcus sanguis* (Challis) by Linear Plasmid Molecules . . . 502
Mattoon, J.R., s. Padrão, G.R.B., et al. 255
Maynard-Smith, S., s. Coelho, A., et al. 356
Mazza, G., Perego, M., Riva, S.: Bifunctional Plasmid Carrying the *recA* Gene of *E. coli* 397
McCall, J.O., s. Witkin, E.M., et al. 43
McCarter, L., s. McFarland, N., et al. 152
McFarland, N., McCarter, L., Artz, S., Kustu, S.: Characterization of $\lambda glnA^+$ Phages Used as Templates for in vitro Synthesis of Glutamine Synthetase 152
Merrick, M., Hill, S., Hennecke, H., Hahn, M., Dixon, R., Kennedy, C.: Repressor Properties of the *nifL* Gene Product in *Klebsiella pneumoniae* 75
Miller, R.C. Jr., s. Larsen, T.M., et al. 390
Miyashita, T., s. Kuroki, K., et al. 369
Mizobuchi, K., s. Uemura, H. 1, 13
Montagu, M. Van, s. Holsters, M., et al. 283
Mooibroek, H., Venema, G.: The Effect of Chlorpromazine on Transformation in *Bacillus subtilis* 165
Moustacchi, E., s. Schwencke, J. 290, 296
Müller, N., Heine, H.-G., Boos, W.: Cloning of *mglB*, the Struc-

tural Gene for the Galactose-Binding Protein of *Salmonella typhimurium* and *Escherichia coli* . . . 473
Murakami, S., Livingston, D.M.: Cell Cycle Inhibition of Yeast Spheroplasts (Short Communication) . . . 506
Murthy, S., s. Jayaraman, K. . . . 158
Muzyczka, N., s. Walia, S., et al. . . . 37
Nagy, F., s. Maliga, P., et al. . . . 211
Nakagawa, Y., Yanagishima, N.: Changes in Production of the Mating-Type-Specific Glycoproteins, Agglutination Substances in Association with Mating Type Interconversion in Homothallic Strains of the Yeast, *Saccharomyces cerevisiae* 207
Nicolas, P., Nigon, V.: Production of Plastidial Antibiotic-Resistant Mutants by Ultraviolet Irradiation of *Euglena gracilis* (Short Communication) . . . 184
Nigon, V., s. Nicolas, P. . . . 184
Nishi, K., s. Kuroki, K., et al. . . . 369
Noack, D., s. Malke, H., et al. . . . 502
Osawa, S., s. Higo, K., et al. . . . 205, 239
Otaka, E., s. Higo, K., et al. . . . 239
Padrão, G.R.B., Malamud, D.R., Panek, A.D., Mattoon, J.R.: Regulation of Energy Metabolism in Yeast. Inheritance of a Pleiotropic Mutation Causing Defects in Metabolism of Energy Reserves, Ethanol Utilization and Formation of Cytochrome $a.a_3$ . . . 255
Panek, A.D., s. Padrão, G.R.B., et al. . . . 255
Pascal, M.-C., Chippaux, M.: Involvement of a Gene of the *chl* E Locus in the Regulation of the Nitrate Reductase Operon . . . 334
Pascal, M.-C., s. Feutrier, J., et al. . . . 518
Pasyukova, E.G., s. Belyaeva, E.Sp., et al. . . . 324
Perego, M., s. Mazza, G., et al. . . . 397
Perrin, D., s. Clement, J.-M., et al. . . . 302
Pinkerton, T., s. Walia, S., et al. . . . 37
Plapp, R., s. Henrich, B., et al. . . . 493
Prozorov, A.A., Bashkirov, V.I., Lakomova, N.M., Surikov, N.N.: Study of the Phenomenon Marker Rescue in Plasmid Transformation and Transduction of Intact Cells, Protoplasts and Different rec Mutants of *Bacillus subtilis* (Short Communication) . . . 363
Pustoshilova, N.M., s. Ksenzenko, V.N., et al. . . . 520
Radford, A., s. Buxton, F.P. . . . 129, 132
Raibaud, O., s. Débarbouillé, M., et al. . . . 88
Raina, J.L., Macrina, F.L.: A Competence Specific Inducible Protein Promotes in vivo Recombination in *Streptococcus sanguis* . . . 21
Redfern, C.P.F., Bownes, M.: Yolk-Polypeptide Synthesis and Uptake in Ovaries of the *Apterous*^{4} Mutant of *Drosophila melanogaster* (Short Communication) . . . 181
Reuter, M., s. Krüger, D.H., et al. . . . 457
Riesenberg, D., Erdei, S., Kondorosi, E., Kari, C.: Positive Involvement of ppGpp in Derepression of the *nif* Operon in *Klebsiella pneumoniae* . . . 198
Riva, S., s. Mazza, G., et al. . . . 397
Rose, K., s. Walia, S., et al. . . . 37
Rupp, W.D., s. Uhlin, B.E., et al. . . . 251
Russo, R.J., s. Lee, J.-H., et al. . . . 136
Sancar, A., s. Uhlin, B.E., et al. . . . 251
Sanchez-Rivas, C.: Direct Selection of Complementing Diploids from PEG-Induced Fusion of *Bacillus subtilis* Protoplasts 329
Schaaper, R.M., Glickman, B.W.: Mutability of Bacteriophage M13 by Ultraviolet Light: Role of Pyrimidine Dimers . . . 404
Schaeffer, P., s. Bohin, J.P., et al. . . . 65
Schell, J., s. Holsters, M., et al. . . . 283
Schmid, G., Böck, A.: The Ribosomal Protein Composition of the Archaebacterium *Sulfolobus* . . . 498
Schroeder, A.L., s. Calza, R.E. . . . 111
Schroeder, C., s. Krüger, D.H., et al. . . . 457
Schröder, G., Schröder, J.: Hybridization Selection and Translation of T-DNA Encoded mRNAs from Octopine Tumors 51
Schröder, J., s. Schröder, G. . . . 51
Schwaiger, H., Hirsch-Kauffmann, M., Schweiger, M.: UV-Repair is Impaired in Fibroblasts from Patients with Fanconi's Anemia . . . 454
Schweiger, M., s. Schwaiger, H., et al. . . . 454
Schwencke, J., Moustacchi, E.: Proteolytic Activities in Yeast After UV Irradiation. I. Variation in Proteinase Levels in Repair Proficient *Rad*$^+$ Strains . . . 290
Schwencke, J., Moustacchi, E.: Proteolytic Activities in Yeast UV Irradiation. II. Variation in Proteinase Levels in Mutants Blocked in DNA-Repair Pathways . . . 296
Sedgwick, S.G., Yarranton, G.T.: Cloned Truncated *recA* Genes in *E. coli*. I. Effect on Radiosensitivity and *recA*$^+$ Dependent Processes . . . 93
Sedgwick, S.G., s. Yarranton, G.T. . . . 99
Sherratt, D., s. Finnegan, J. . . . 344
Shurvinton, C.E., Lloyd, R.G.: Damage to DNA Induces Expression of the *ruv* Gene of *Escherichia coli* . . . 352
Siewert, G., s. Boidol, W., et al. . . . 510
Simonis, M., s. Boidol, W., et al. . . . 510
Sinclair, D.A.R., s. Larsen, T.M., et al. . . . 390
Skavronskaya, A.G., Stepanova, N.F., Andreeva, I.V.: UV-Mutable Hybrids of *Salmonella* Incorporating *Escherichia coli* Region Adjacent to *Tryptophan* Operon . . . 315
Skurray, R.A., s. Cram, D.S., et al. . . . 186
Smiley, B.L., s. Lupski, J.R., et al. . . . 120
Smirnov, V.N., s. Ter-Avanesyan, M.D., et al. . . . 319
Smith, R.F., Konopka, R.J.: Effects of Dosage Alterations at the *per* Locus on the Period of the Circadian Clock of *Drosophila* . . . 30
Spiegelman, G.B., s. Larsen, T.M., et al. . . . 390
Starlinger, P., s. Habermann, P. . . . 216
Stepanova, N.F., s. Skavronskaya, A.G., et al. . . . 315
Sudarikov, A.B., s. Ter-Avanesyan, M.D., et al. . . . 319
Surguchov, A.P., s. Ter-Avanesyan, M.D., et al. . . . 319
Surikov, N.N., s. Prozorov, A.A., et al. . . . 363
Symond, N., s. Coelho, A., et al. . . . 356
Szulmajster, J., s. Kerjan, P., et al. . . . 448
Tener, G.M., s. Larsen, T.M., et al. . . . 390
Ter-Avanesyan, M.D., Zimmermann, J., Inge-Vechtomov, S.G., Sudarikov, A.B., Smirnov, V.N., Surguchov, A.P.: Ribosomal Recessive Suppressors Cause a Respiratory Deficiency in Yeast *Saccharomyces cerevisiae* . . . 319
Thompson, C.J., s. Kieser, T., et al. . . . 223
Töpert, M., s. Boidol, W., et al. . . . 510
Tommassen, J., Ley, P. van der, Ende, A. van der, Bergmans, H., Lugtenberg, B.: Cloning of *ompF*, the Structural Gene for an Outer Membrane Pore Protein of *E. coli* K12: Physical Localization and Homology with the *phoE* Gene . . . 105
Uemura, H., Mizobuchi, K.: Genetic and Physical Characterization of the ColIb Plasmid Using ColIB-R222 Hybrids . . . 1
Uemura, H., Mizobuchi, K.: Inhibition of Growth of Bacteriophage BF23 by the ColIb Plasmid: Identification of the *ibfA* and *ibfB* Genes of the ColIb Plasmid . . . 13
Uhlin, B.E., Volkert, M.R., Clark, A.J., Sancar, A., Rupp, W.D.: Nucleotide Sequence of a *recA* Operator Mutation. *lexA*/Operator-Repressor Binding/Inducible Repair . . . 251
Ullmann, A., s. Joseph, E., et al. . . . 262
Venema, G., s. Mooibroek, H. . . . 165
Vielkind, J., Haas-Andela, H., Vielkind, U., Anders, F.: The Induction of a Specific Pigment Cell Type by Total Genomic DNA Injection into the Neural Crest Region of Fish Embryos of the Genus *Xiphophorus* . . . 379
Vielkind, U., s. Vielkind, J., et al. . . . 379
Villarroel, R., s. Holsters, M., et al. . . . 283
Volkert, M.R., s. Uhlin, B.E., et al. . . . 251
Volkert, M.R., s. Witkin, E.M., et al. . . . 43
Wagner, E.G.H., Ehrenberg, M., Kurland, C.G.: Kinetic Suppression of Translational Errors by (p)ppGpp . . . 269
Walia, S., Dunn, G., Rose, K., Pinkerton, T., Muzyczka, N., Duckworth, D.: Restriction Endonuclease Mapping of the Colicin Ib Plasmid . . . 37
Wermundsen, I.E., s. Witkin, E.M., et al. . . . 43

Wilcox, G., s. Lee, J.-H., et al. 136
Witkin, E.M., McCall, J.O., Volkert, M.R., Wermundsen, I.E.: Constitutive Expression of SOS Functions and Modulation of Mutagenesis Resulting from Resolution of Genetic Instability at or near the *recA* Locus of *Escherichia coli* 43
Wright, H.M., s. Kieser, T., et al. 223
Wright, R.M., Laping, J.L., Horrum, M.A., Cummings, D.J.: Mitochondrial DNA from *Podospora anserina*. III. Cloning, Physical Mapping, and Localization of the Ribosomal RNA Genes 56
Yanagishima, N., s. Nakagawa, Y. 207
Yarranton, G.T., Sedgwick, S.G.: Cloned Truncated *recA* Genes in *E. coli* II. Effects of Truncated Gene Products on in vivo *recA*$^+$ Protein Activity 99
Yarranton, G.T., s. Lee, M.G. 245
Yarranton, G.T., s. Sedgwick, S.G. 93
Zaniewski, R., Deutscher, M.P.: Genetic Mapping of a Mutation in *Escherichia coli* Leading to a Temperature-Sensitive RNase D 142
Zengel, J.M., Lindahl, L.: A Secondary Promoter for Elongation Factor Tu Synthesis in the *str* Ribosomal Protein Operon of *Escherichia coli* 487
Zimmermann, J., s. Ter-Avanesyan, M.D., et al. 319
Erratum 188

Indexed in Current Contents